

Abstract of the Disclosure

2 A stator bobbin for axial winding is made from insulating material and includes a first
3 disc, a second disc, and a connecting tube that connects the first disc with the second disc. The
4 connecting tube has a central hole and a space for winding is defined between the first disc
5 and the second disc. A first pole plate is attached to an outer side of the first disc and a second
6 pole plate is attached to an outer side of the second disc. A distance between an outer end of
7 the inner side of the first disc and an outer end of the inner side of the second disc is greater
8 than that between an inner end of the inner side of the first disc and an inner end of the inner
9 side of the second disc.